

Recombinant Human ENG protein, His-Avi-tagged

Cat. No. ENG-813H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENG protein(P17813-1)(Glu26-Gly586), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu26-Gly586
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Endoglin, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-Endoglin Antibody, hFc Tag with the EC50 of 9.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 63.7 kDa. Due to glycosylation, the protein migrates to 70-82 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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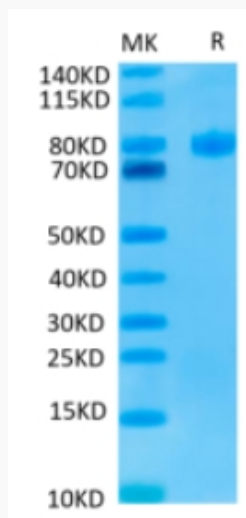
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	ENG endoglin [Homo sapiens]
Official Symbol	ENG
Synonyms	ENG; endoglin; ORW, ORW1, Osler Rendu Weber syndrome 1; CD105; END; HHT1; CD105 antigen; ORW; ORW1; FLJ41744;
Gene ID	2022
mRNA Refseq	NM_000118
Protein Refseq	NP_000109
MIM	131195
UniProt ID	P17813

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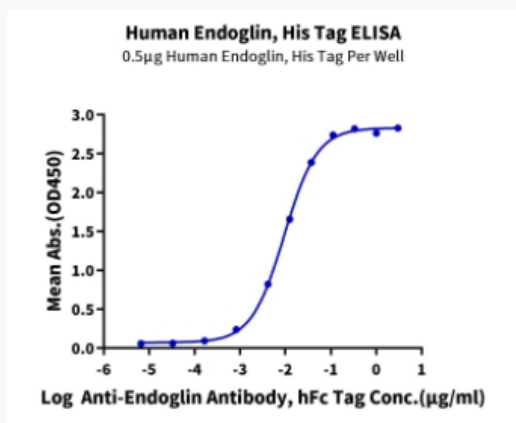
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Tris-Bis PAGE



ELISA Data



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